This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1- 18 (cancelled)

19. (New) A method of coupling a device operating at voiceband frequencies in parallel with a device operating at frequencies above voiceband comprising:

inserting at an input interface between the device operating at voiceband frequencies and the device operating at frequencies above voiceband a series pair of inductors, a first inductor of the series pair having a low inductance and a high self-resonant frequency and a second inductor of the series pair having a high inductance and low self-resonant frequency, the low inductance, the high self-resonant frequency, the high inductance and the low self-resonant frequency being each determined to locate a filtering cutoff point between the voiceband frequencies and the frequencies above voiceband.

20. (New) The method of claim 19, wherein the frequencies above voiceband are digital subscriber line frequencies from a 26kHz to 1.104MHz frequency range.

21. (New) The method of claim 19, wherein the frequencies above voiceband are home phoneline frequencies from a 4Mhz to 10Mhz frequency range.

22. (New) The method of claim 19, wherein the device operating at voiceband frequencies is a facsimile device.

23. (New) The method of claim 19, wherein the input interface is a common RJ-11 phoneline connection.

24. (New) The method of claim 19, wherein the low inductance is 47 μH and the high inductance is 5 mH.

25. (New) An interface circuit between a device operating at voiceband frequencies in parallel with a device operating at frequencies above voiceband comprising:

a series pair of inductors coupled between an input of the device operating at voiceband frequencies and an input of the device operating at frequencies above voiceband, a first inductor of the series pair having a low inductance and a high self-resonant frequency, and a second inductor of the series pair having a high inductance and low self-resonant frequency, the low inductance, the high self-resonant frequency, the high inductance and the low self-resonant frequency being each determined to locate a filtering cutoff point between the voiceband frequencies and the frequencies above voiceband.

26. (New) The interface circuit of claim 25, wherein the frequencies above voiceband are digital subscriber line frequencies from a 26kHz to 1.104MHz frequency range.

27. (New) The interface circuit of claim 25, wherein the frequencies above voiceband are home phoneline frequencies from a 4Mhz to 10Mhz frequency range.

28. (New) The interface circuit of claim 25, wherein the device operating at voiceband frequencies is a facsimile device.

29. (New) The interface circuit of claim 25, wherein the input of the device operating at voiceband frequencies and the input of the device operating at frequencies above voiceband is a common RJ-11 phoneline connection.

30. (New) The interface circuit of claim 25, wherein the low inductance is 47 μH and the high inductance is 5 mH.